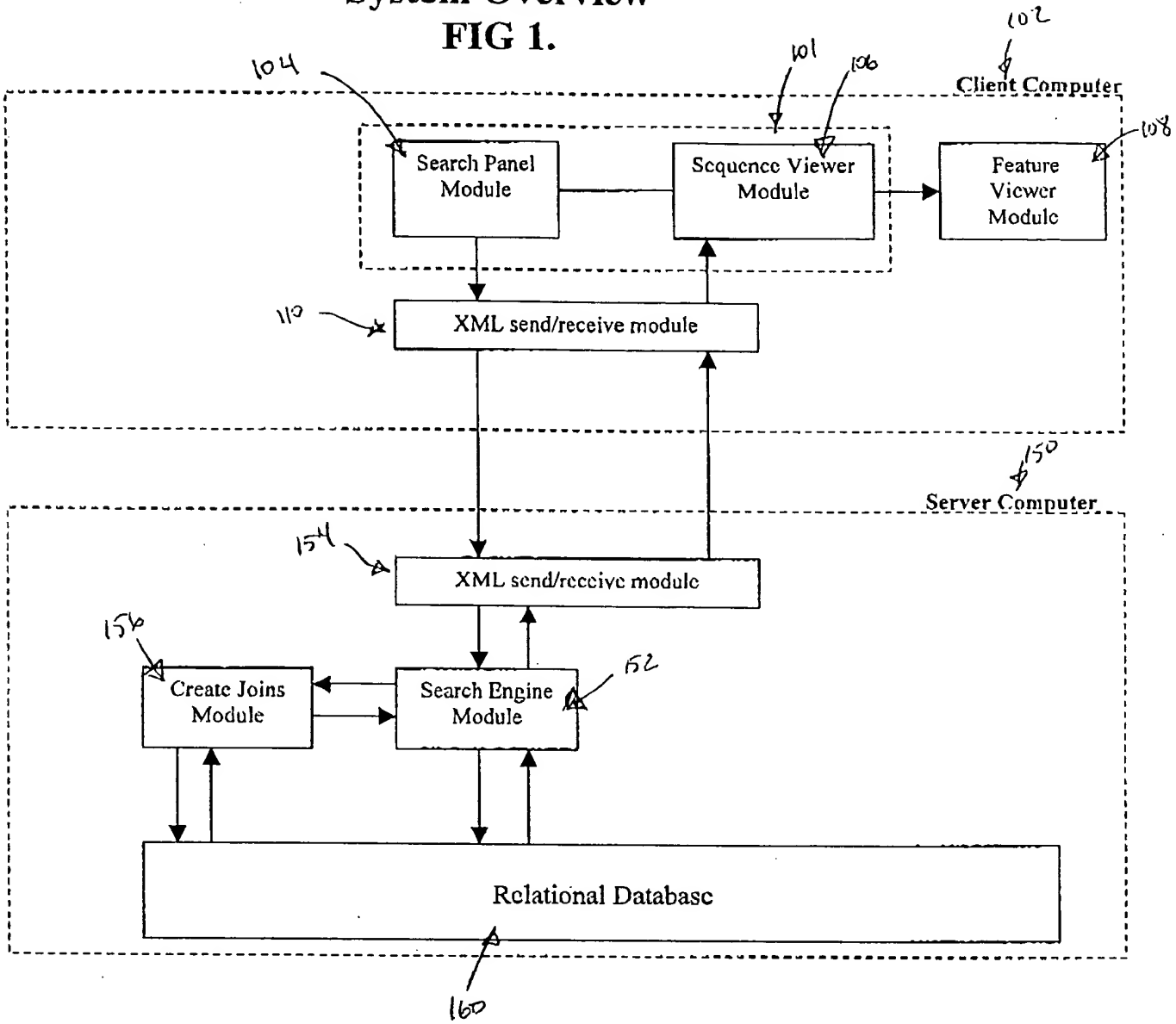
System Overview
FIG 1.



Doc 2 of 4 - 6/25/2004 4:56:34 PM

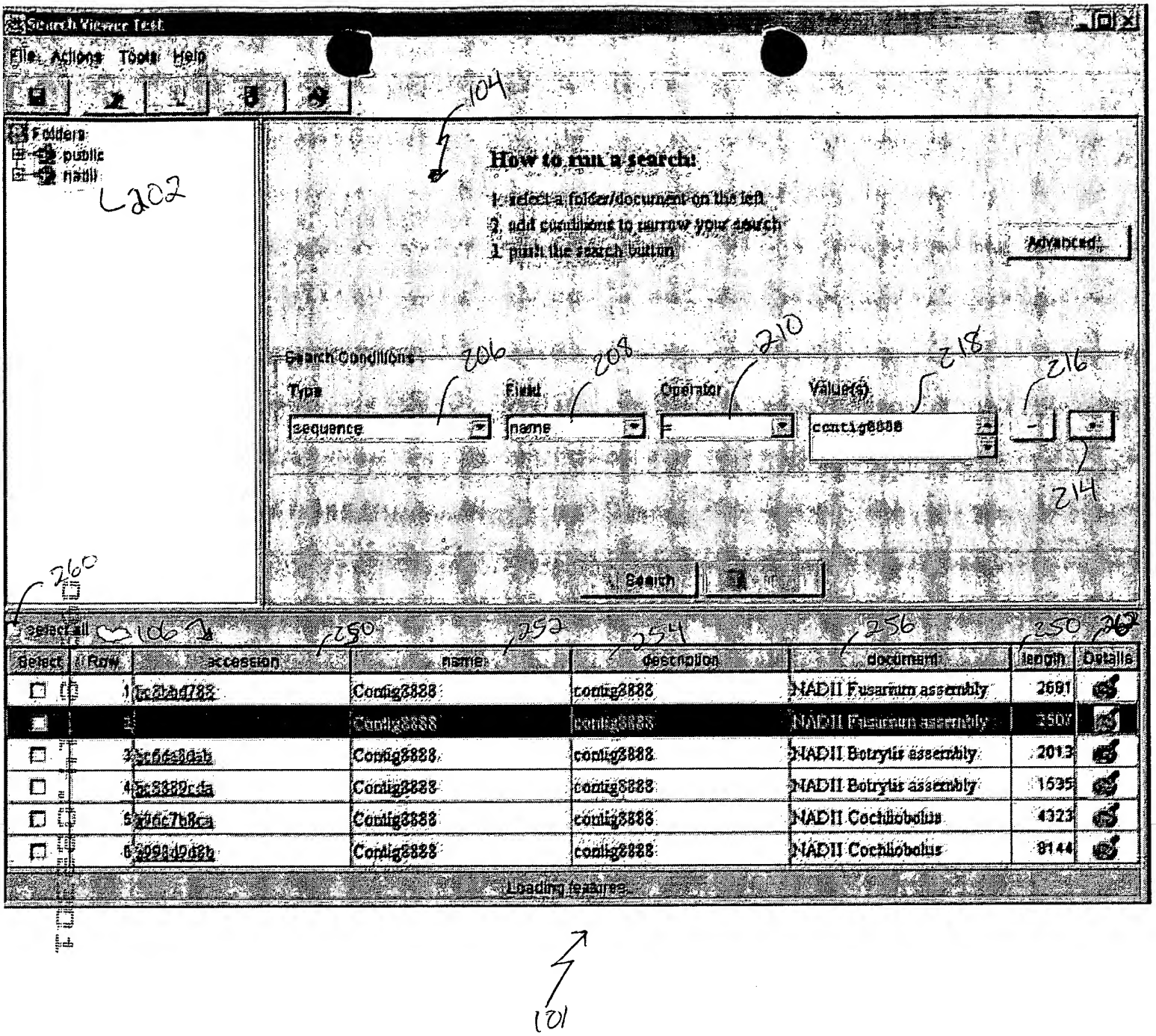

Search Viewer Test
File Actions Tools Help
Folders
public
nadii
202
104
How to run a search:
1. select a folder/document on the left
2. add conditions to narrow your search
3. push the search button
Advanced...
Search Conditions
206
208
210
218
216
214
Type
Field
Operator
Value(s)
sequence
name
=
contig8888
Search
260
Select all
106
250
252
254
256
258
262
Select
Row
accession
name
description
document
length
Details
1
Contig8888
contig8888
NADII Fusarium assembly
2691
2
Contig8888
contig8888
NADII Fusarium assembly
3507
3
Contig8888
contig8888
NADII Botrytis assembly
2013
4
Contig8888
contig8888
NADII Botrytis assembly
1535
5
Contig8888
contig8888
NADII Cochliobolus
4323
6
Contig8888
contig8888
NADII Cochliobolus
8144
Loading features...
101

Fig. 2

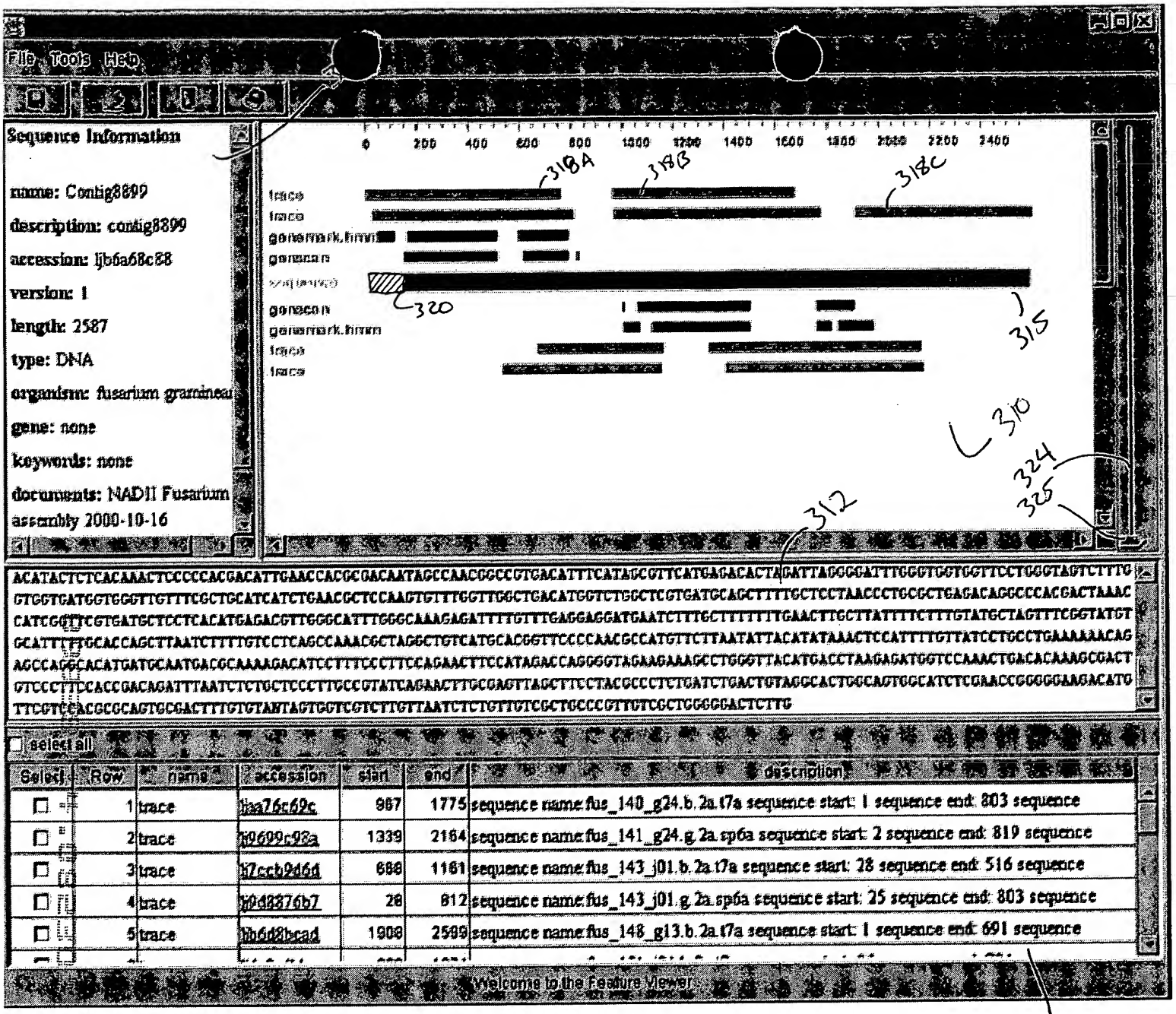
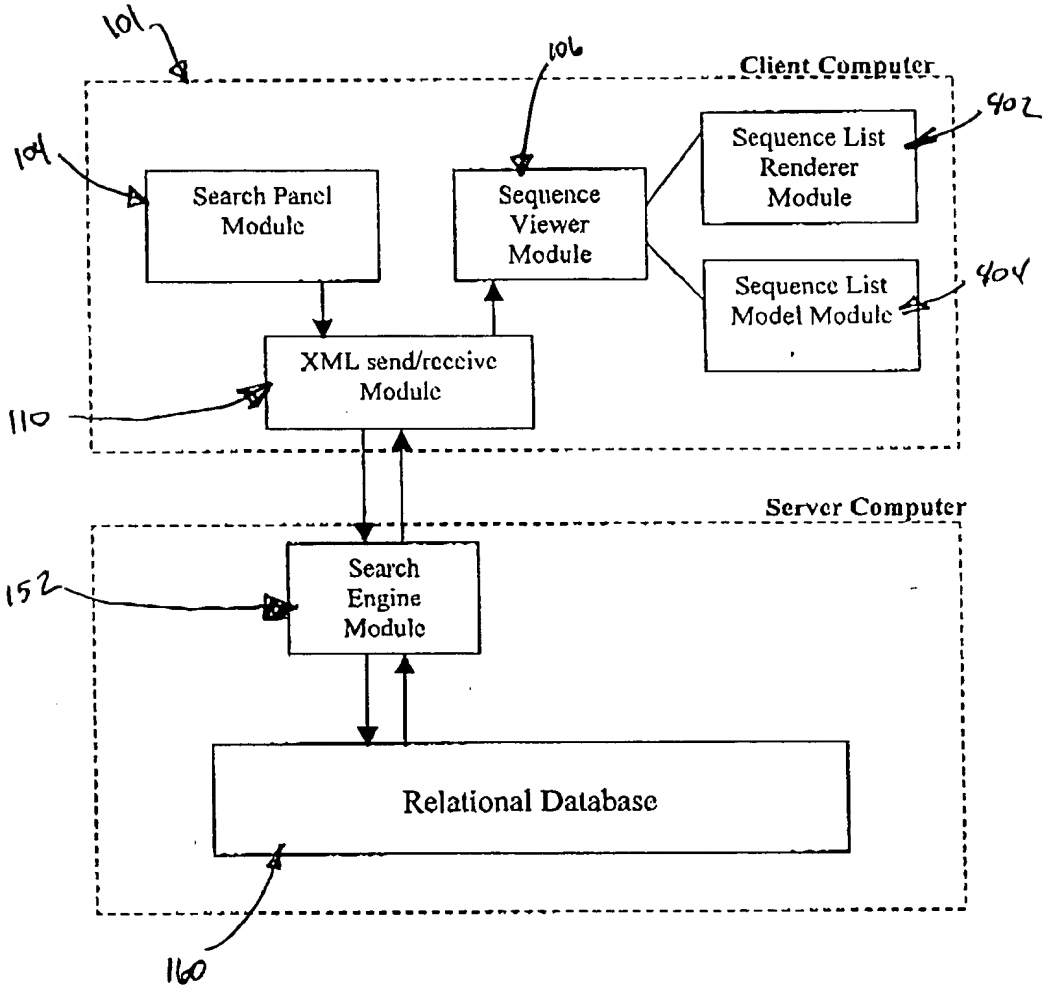
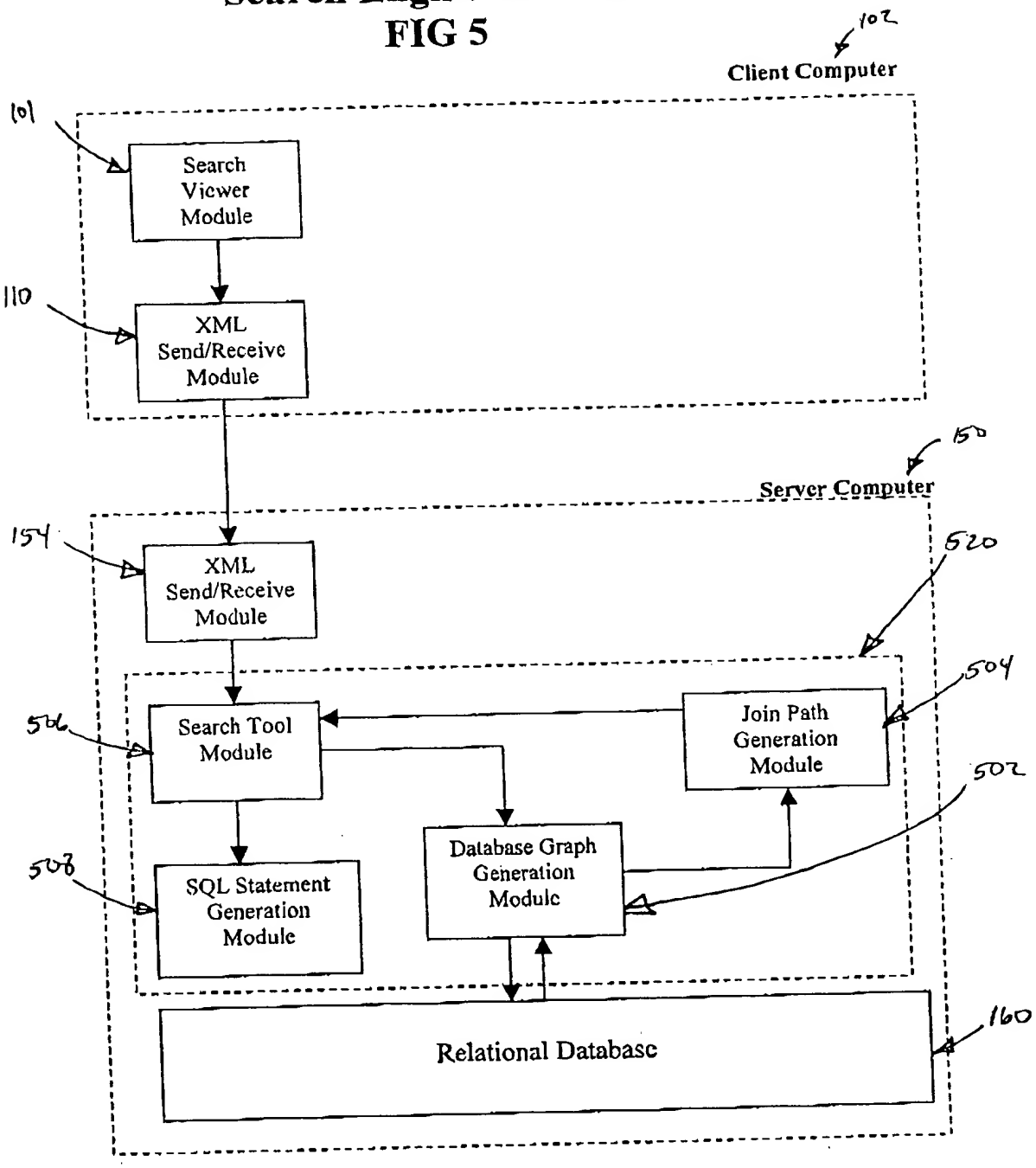

File Tools Help
Sequence Information
name: Contig8699
description: contig8699
accession: ljb6a68c88
version: 1
length: 2587
type: DNA
organism: fusarium graminear
gene: none
keywords: none
documents: MADII Fusarium assembly 2000-10-16
0 200 400 600 800 1000 1200 1400 1600 1800 2000 2200 2400
trace
trace
genemark.hmm
genecalc
genecalc
genemark.hmm
trace
trace
318A
318B
318C
320
315
310
324
325
312
ACATACTCTCACAAACTCCCCCACGACATTGAACCACGCGACAATAGCCAACGGCCGTGACATTTCATAGCGTTCATGAGACACTAGATTAGGGCATTTGGGTGGTGGTTCCTGGGTAGTCTTTG
GTGGTGATGGTGGGTTGTTTCGCTGCATCATCTGAACGCTCCAAGTGTTTGGTTGGCTGACATGGTCTGGCTCGTGATGCAGCTTTTGCTCCTAACCCTGCGCTGAGACAGGCCCACGACTAAAC
CATCGGTTCGTGATGCTCCTCACATGAGACGTTGGGCATTTGGGCAAAGAGATTTTGTTTGAGGAGGATGAATCTTTGCTTTTTTTGAACTTGCTTATTTTCTTTGTATGCTAGTTTCGGTATGT
GCATTTTTGCACCAGCTTAATCTTTTGTCCTCAGCCAAACGCTAGGCTGTCATGCACGGTTCCCCAACGCCATGTTCTTAATATTACATATAAACTCCATTTTGTTATCCTGCCTGAAAAAACAG
AGCCAGGCACATGATGCAATGACGCAAAAGACATCCTTTCCCTTCCAGAACTTCCATAGACCAGGGGTAGAAGAAAGCCTGGGTTACATGACCTAAGAGATGGTCCAAACTGACACAAAGCGACT
GTCCCTTCCACCGACAGATTTAATCTCTGCTCCCTTGCCGTATCAGAACTTGCGAGTTAGCTTCCTACGCCCTCTGATCTGACTGTAGGCACTGGCAGTGGCATCTCGAACCGGGGGAAGACATG
TTCGTCCACGCGCAGTGCGACTTTGTGTANTAGTGGTCGTCTTGTTAATCTCTGTTGTCGCTGCCCGTTGTCGCTGGGGGACTCTTG
select all
Select
Row
name
accession
start
end
description
1 trace 0aa76c69c 967 1775 sequence name:fus_140_g24.b.2a.t7a sequence start: 1 sequence end: 803 sequence
2 trace 09699c93a 1339 2164 sequence name:fus_141_g24.g.2a.sp6a sequence start: 2 sequence end: 819 sequence
3 trace 07ccb9d6d 668 1161 sequence name:fus_143_j01.b.2a.t7a sequence start: 28 sequence end: 516 sequence
4 trace 0d8876b7 28 812 sequence name:fus_143_j01.g.2a.sp6a sequence start: 25 sequence end: 803 sequence
5 trace 0b6d8bcad 1908 2599 sequence name:fus_148_g13.b.2a.t7a sequence start: 1 sequence end: 691 sequence
Welcome to the Feature Viewer
330
106

Fig. 3

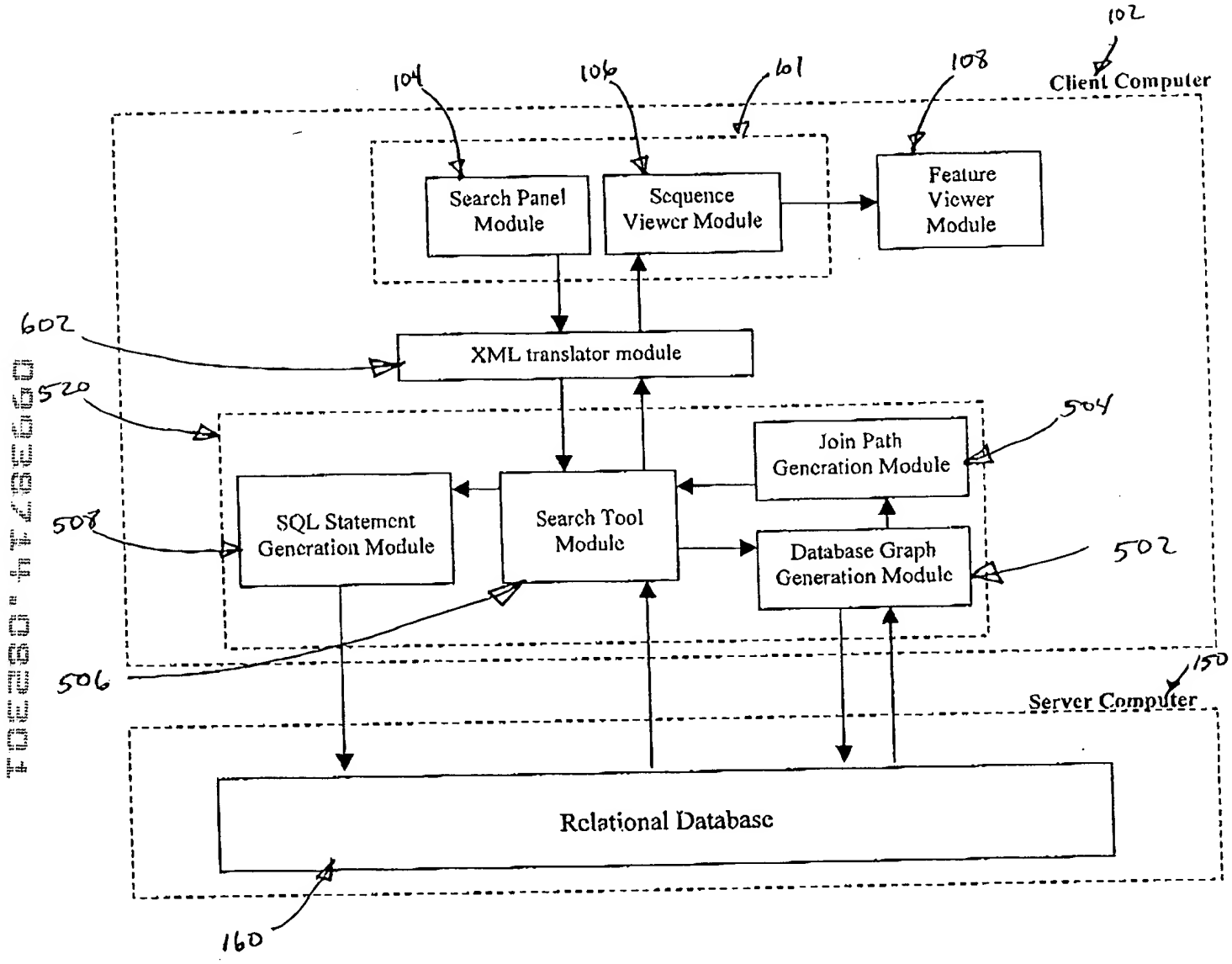
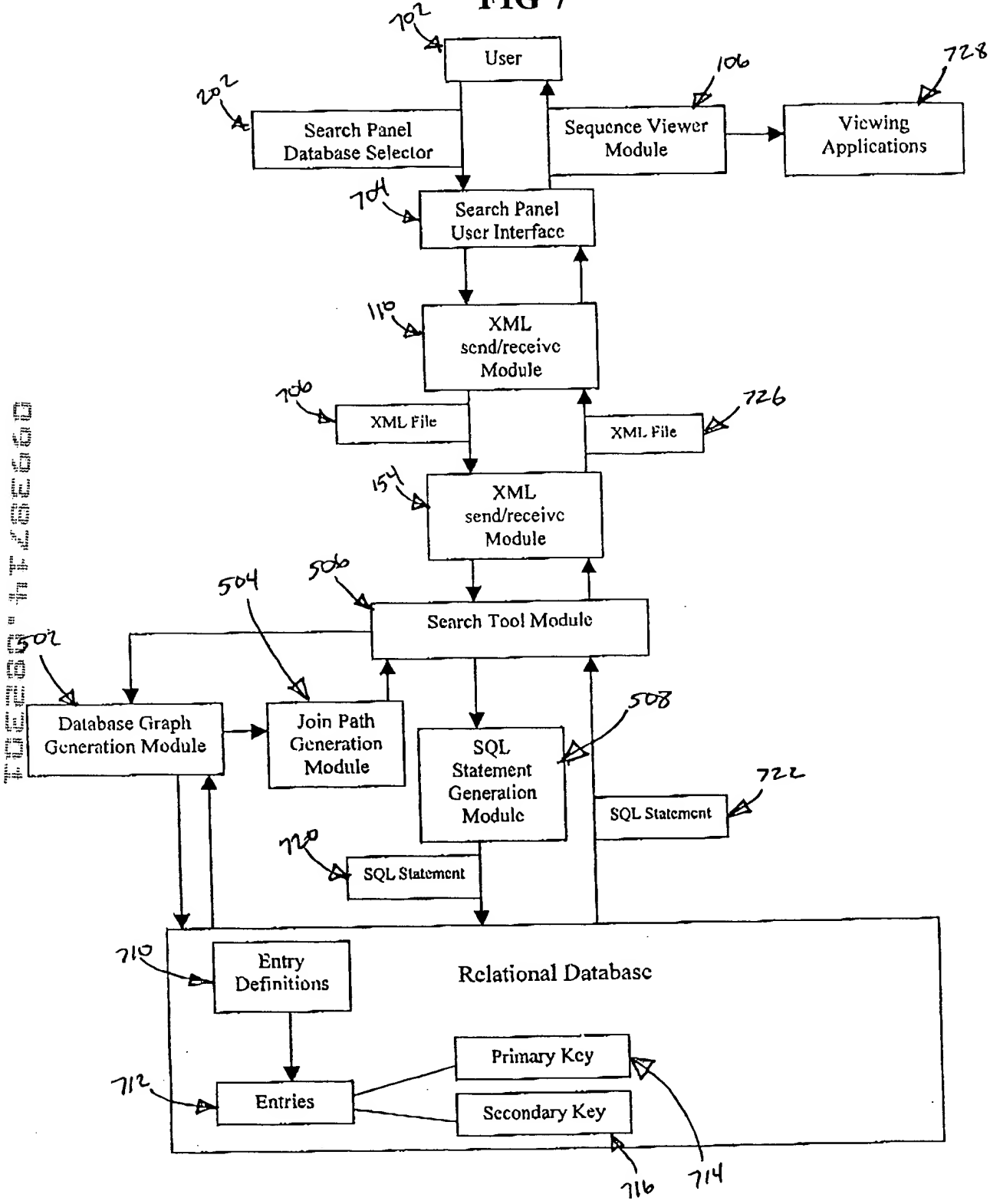
Search Viewer Modules
FIG 4



Search Engine Modules
FIG 5



Publicly Accessible Database Embodiment
FIG 6



Process Flow Diagram
FIG 7